

ABSTRACT:

Asynchronous transfer mode local area network having a ring structure with wireless terminals.

The invention relates to a local area network operating in the asynchronous transfer mode (ATM) for transmitting cells, comprising a plurality of network interfaces (1 to 8) coupled to a ring by ring connections (29 to 32), each network interface including a switch (24). For providing a more flexible local area network, at least one network interface (1 to 8) includes a radio device (33) for exchanging data with at least one terminal (9 to 21) located in the radio coverage area of the network interface (1 to 8). For controlling the cell transport within a network interface, a switch (24) is provided.

5 Fig. 1.

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